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August 27, 2004

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Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

**Mail Stop: Amendment**

Re: U.S. Utility Patent Application  
Application No.: 10/734,645; Filed: December 15, 2003  
For: **Broadhead Arrowhead**  
Inventor: Todd A. Kuhn  
Our Ref: 2030.0030001/EJK

Sir:

Transmitted herewith for appropriate action are the following documents:

1. Supplemental Reply Under 37 C.F.R. § 1.111; and
2. One Return Postcard.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Edward J. Kessler  
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EJK/mhd  
304778



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Todd A. Kuhn

Appl. No.: 10/734,645

Filed: December 15, 2003

For: **Broadhead Arrowhead**

Confirmation No.: 9037

Art Unit: 3712

Examiner: John A. Ricci

Atty. Docket: 2030.0030001/EJK

### **Supplemental Reply Under 37 C.F.R. § 1.111**

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Sir:

In further reply to the Office Action dated June 15, 2004, and in response to the Office Action dated July 30, 2004, Applicant submits the following additional Remarks.

#### **Remarks**

At the interview conducted on July 28, 2004, Applicant's representative and the Examiner discussed the differences between Applicant's invention and the broadhead described in U.S. Patent No. 6,319,161 to Martinez. It was agreed that the Martinez broadhead does not contribute rotational torque to the arrow. As stated at Col. 3, lines 52-53, of Martinez, it is the "vanes 34 [that] increase rotational spinning and stabilization of the arrow when it is in flight. . . ." It was agreed that there is no teaching or suggestion in the Martinez patent that the broadhead itself has an airfoil-type shape that produces a rotational torque about the longitudinal axis of the broadhead ferrule.

#### **Conclusion**

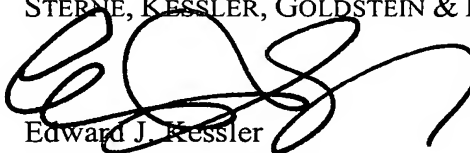
All of the stated grounds of objection and rejection have been properly traversed, accommodated, or rendered moot. Applicant therefore respectfully requests that the Examiner reconsider all presently outstanding objections and rejections and that they be

withdrawn. Applicant believes that a full and complete reply has been made to the outstanding Office Action and, as such, the present application is in condition for allowance. If the Examiner believes, for any reason, that personal communication will expedite prosecution of this application, the Examiner is invited to telephone the undersigned at the number provided.

Prompt and favorable consideration of this Supplemental Reply is respectfully requested.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

A handwritten signature in black ink, appearing to be 'E. J. Kessler', written over the printed name.

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Date: August 27, 2004

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